

IT Update

What Does Information Technology Do?

- We manage all computing from complex servers to desktop computers.
- Over 60 TB of usable storage
- We maintain network connectivity for the BCC
- We maintain over 50 miles of fiber
- We manage over 2,100 desktop phones for the BCC and all other county constitutional offices
- We maintain 15 database servers containing over 400 databases
- We maintain over 300 GIS base data layers.

Collaborative Efforts

- We maintain full network connectivity for the Property Appraiser, Tax Collector
- We host e-mail services for Property Appraiser and Tax Collector
- We provide site-to-site network connectivity for the Clerk of Courts, Sheriff and Supervisor of Elections.
- We provide monthly updates to the City of Punta Gorda for the 911 Computer Aided Dispatch system.
- We work closely with Property Appraiser in all matters pertaining to GIS workflows, resources and projects.
- Established a working county wide IT Collaboration committee seeking other opportunities to work together.

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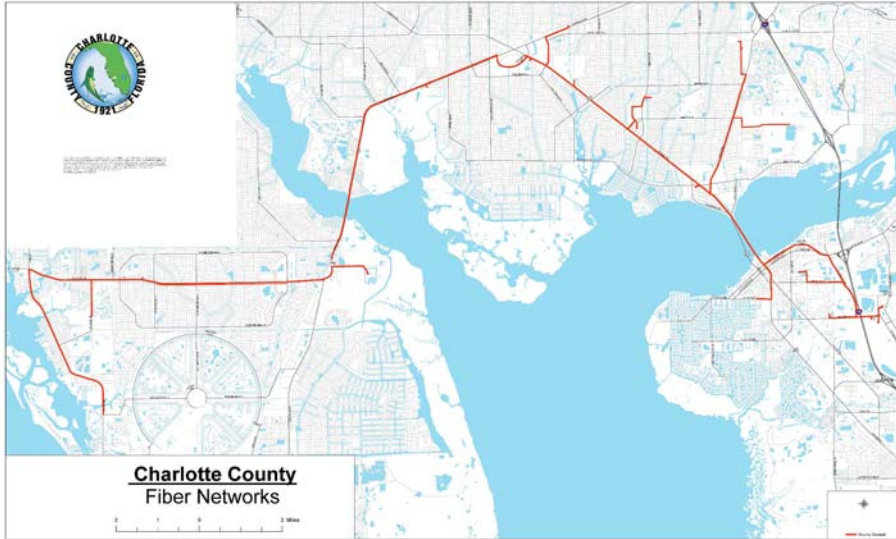
IT Supported Assets

# of PC's & Laptops	1323
# FTEs	28
# of Applications	191
# of Virtual Servers	252
# of Physical App & Data Servers	11
# of Server Appliances	43
# of Infrastructure Gear(Firewalls, Switches, Routers, and Access Points)	348
# of IP Phone System	9
# of IP Phones & Analog Lines	2131
# Tablets	122

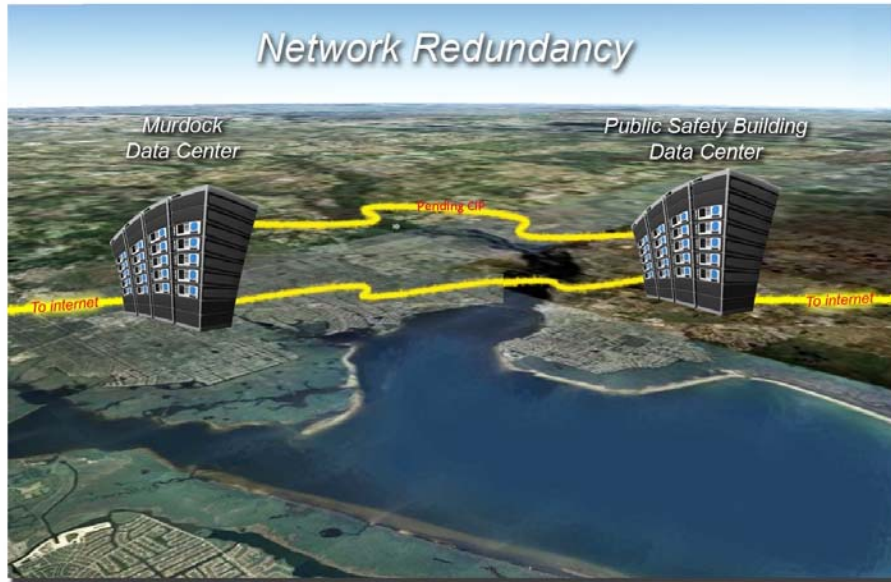
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County Owned Fiber Infrastructure

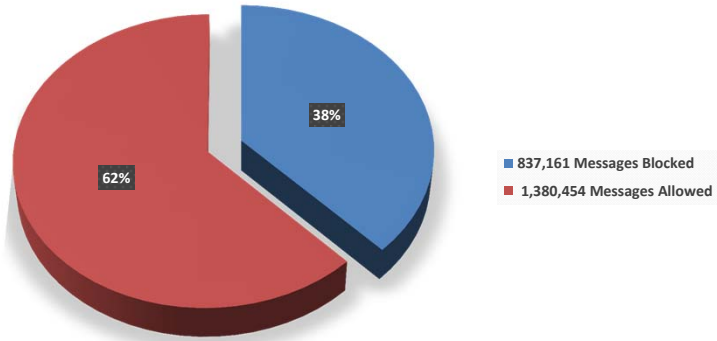
~50 Miles



Network Redundancy

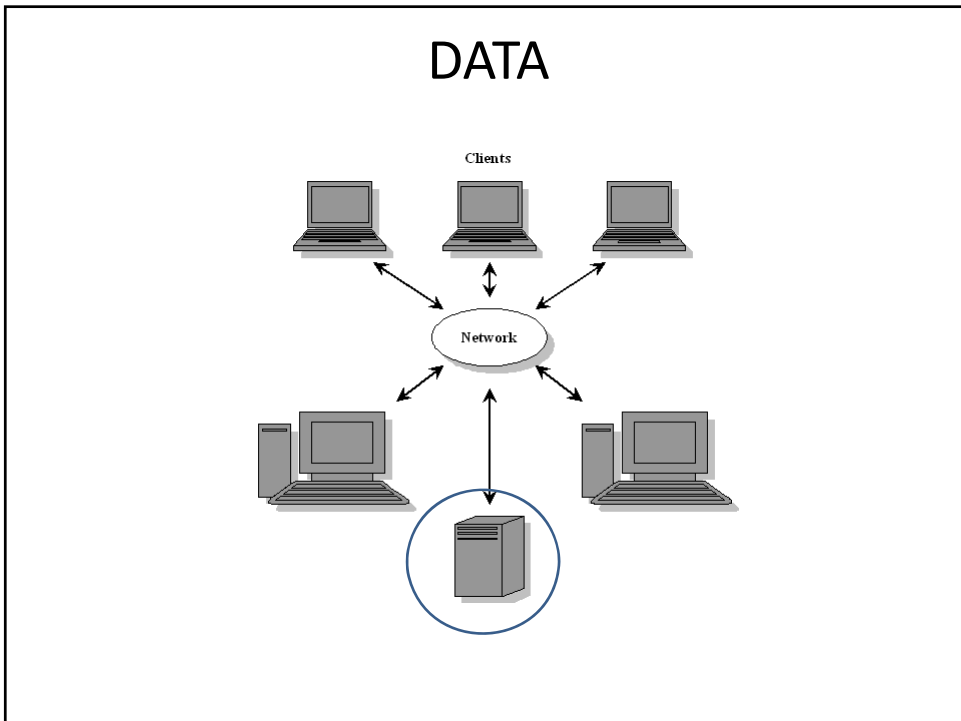
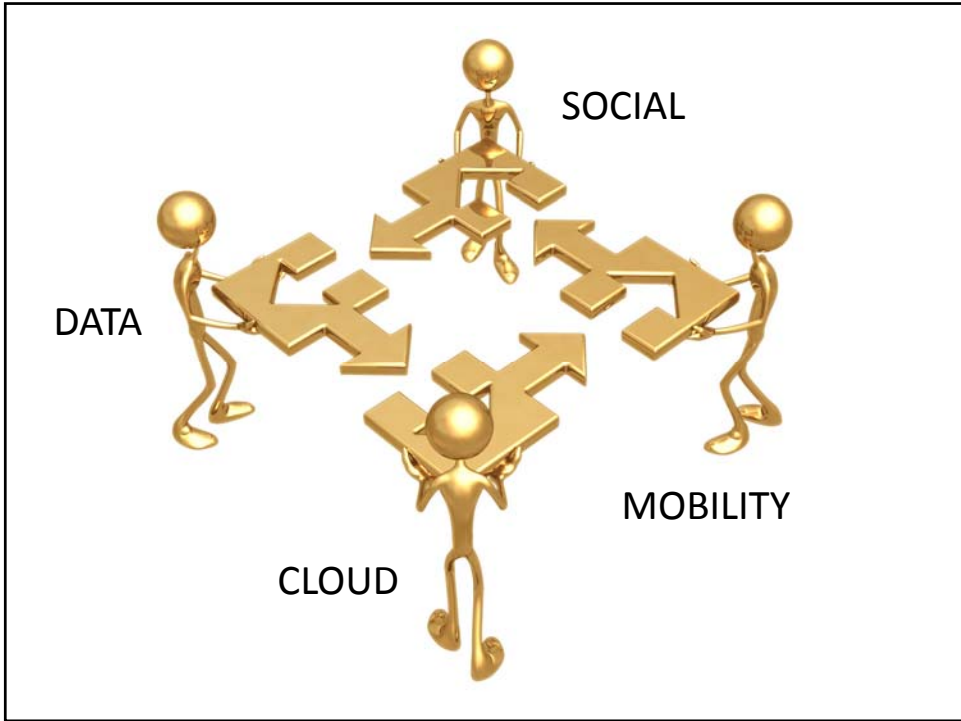


2,217,615 Messages Filtered
Last 12 months

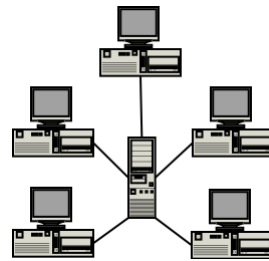
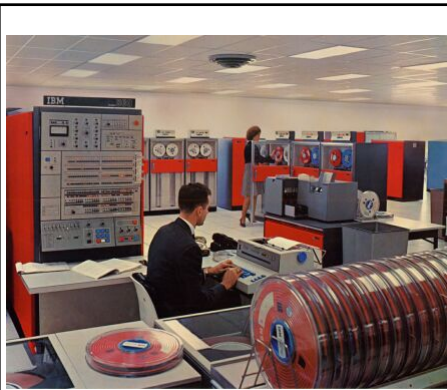
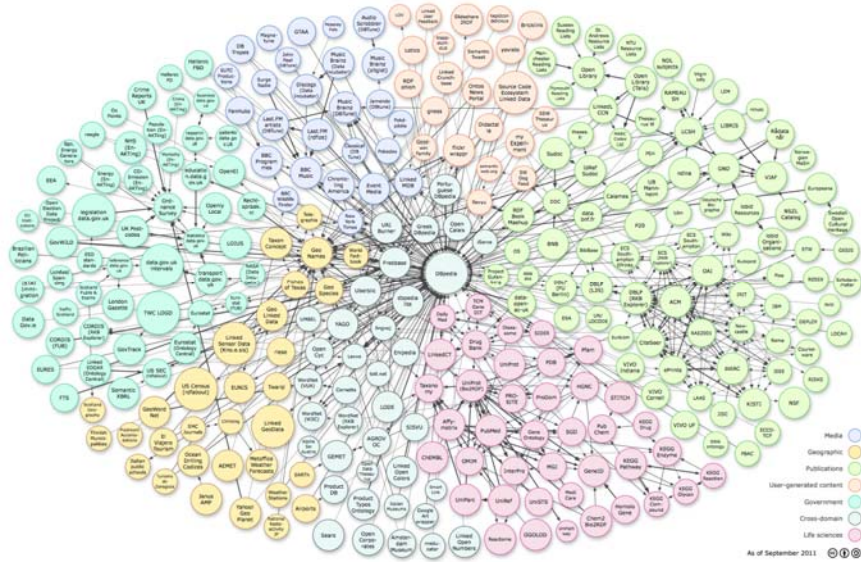


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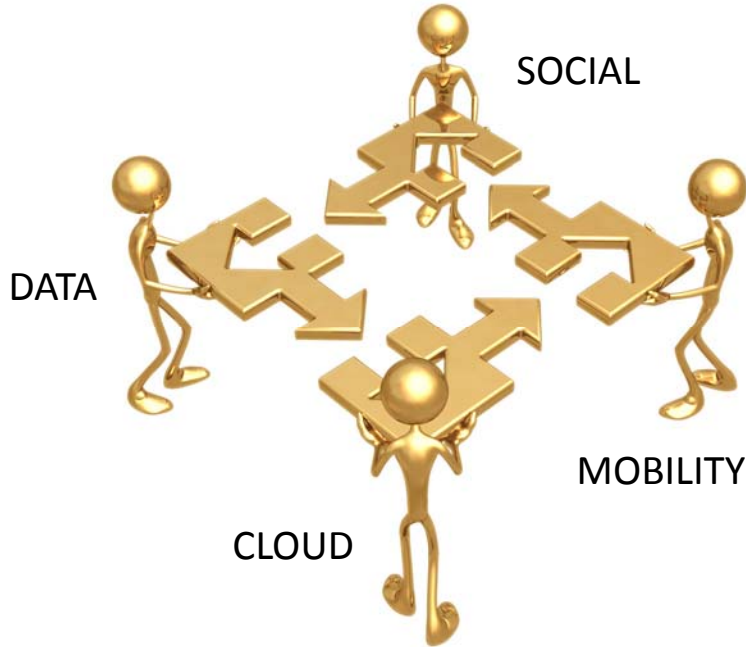
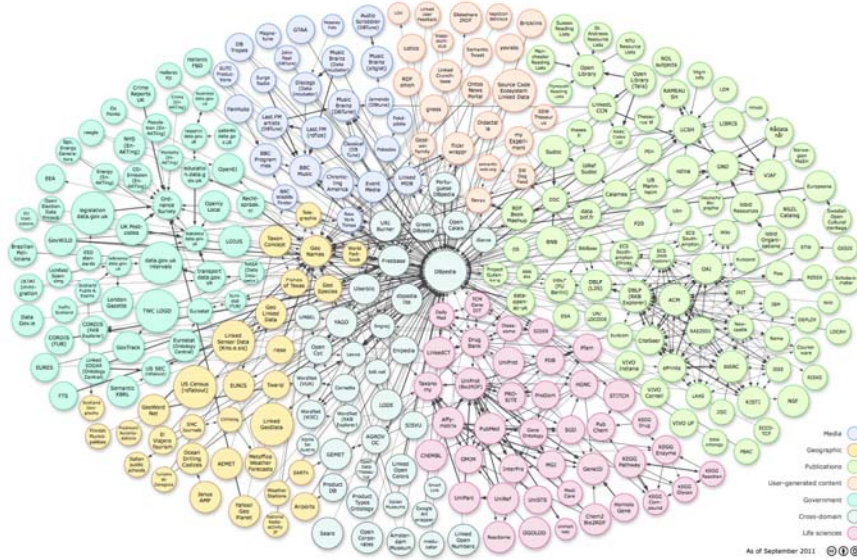
**Convergence of Technology
Trends**



BIG DATA



BIG DATA



CLOUD



- Low cost
- Low maintenance
- Easy access
- Fast implementation
- Limited functionality
- Unwieldy data
- Limited interface
- Proprietary applications
- Security

MOBILITY



- Access
- Productivity
- Connectivity
- Support
- Compatibility / fidelity
- Expectations
- BYOD
- Security

SOCIAL



- Part of culture
- Broad outreach
- Source of input
- Legal issues
- PURPOSE????
- ~~WORK~~ PERSONAL

DATA



- Automation
- Customer Service
- Productivity
- Security
- Legal Issues
- COMPLEXITY
- Ownership

